

1059731-1 **×** OBSOLETE

TE Internal #: 1059731-1

TE Internal Description: 4584 2242 02

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Connectors > RF Coax Connectors > RF Adapters > Between Series Adapters



Side A Interface: **OSP**

Side A Gender: **Jack**

Side B Interface: **OSM**

Side B Gender: **Jack**

Connector System: **Wire-to-Wire**

Features

Product Type Features

Side A Interface	OSP
Side A Gender	Jack
Side B Interface	OSM
Side B Gender	Jack
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
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Electrical Characteristics

Impedance	50 Ω
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Body Features

Body Material	Stainless Steel
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Contact Features

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material

Beryllium Copper

Mechanical Attachment

Connector Mounting Type

Panel Mount

Housing Features

Body Orientation

Straight

Usage Conditions

Operating Temperature Range

-65 – 165 °C[-85 – 329 °F]

Operation/Application

Operating Frequency

18 GHz

Circuit Application

Power & Signal

Other

Dielectric Material

PTFE Fluorocarbon

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2022 (224)

Candidate List Declared Against: JUL 2021 (219)

SVHC > Threshold:

Pb (.6% in Component Part)

Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits

as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Documents

Product Drawings

[4584 2242 02](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1059731-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1059731-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1059731-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[RF Between Series Adapters](#)

English